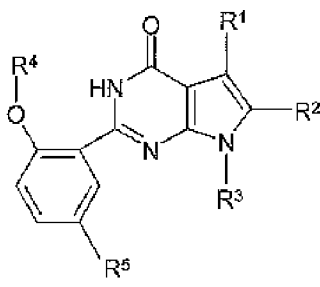


Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended) A compound of the ~~general~~ formula I :



wherein R¹ is H; C₁–C₄ branched or straight chain alkyl; C₁–C₄ halogenated branched or straight chain alkyl; C₂–C₆ alkenyl; C₂–C₄ alkynyl; pyridyl, pyrimidinyl, imidazolyl; except H, the above substituents may be optionally substituted with one or more following groups: halogen, cyano, nitro, hydroxyl, carboxyl, guanidino, C₁–C₄ alkyl, C₁–C₄ alkoxy, C₁–C₄ alkanoyl, C₃–C₅ cycloalkyl, substituted phenyl, ~~substituted heterocyclic group~~, CONR⁵R⁶, NR⁵R⁶, CO₂R⁷, NHSO₂R⁸ or SO₂NR⁹R¹⁰;

R² is H; C₁–C₃ branched or straight chain alkyl; C₁–C₃ halogenated branched or straight chain alkyl; C₂–C₆ alkenyl; C₂–C₄ alkynyl; substituted phenyl; except H, the above substituents may be optionally substituted with one or more following groups: halogen, cyano-, nitro, hydroxyl, carboxyl, guanidino-, C₁–C₄ alkyl, C₁–C₄ alkoxy, C₁–C₄ alkanoyl, C₃–C₅ cycloalkyl, ~~substituted heterocyclic group~~, CONR⁶R⁷, NR⁶R⁷, CO₂R⁸, NHSO₂R⁹ or SO₂NR¹⁰R¹¹;

R³ is H; C₁–C₆ branched or straight chain alkyl which may be optionally substituted with C₃–C₆ cycloalkyl or C₁–C₄ alkoxy; C₂–C₄ alkenyl; C₂–C₄ alkynyl;

R⁴ is H; C₁–C₆ branched or straight chain alkyl which may be optionally substituted with

C₃–C₆ cycloalkyl or C₁–C₄ alkoxy; C₂–C₄ alkenyl; C₂–C₄ alkynyl;

R⁵ is H; C₁–C₄ branched or straight chain alkyl which may be optionally substituted with OH, NR⁶R⁷, CN, CONR⁶R⁷ or CO₂R⁸; C₂–C₄ alkenyl which may be optionally substituted with CN, CONR⁶R⁷ or CO₂R⁸; C₂–C₄ alkoxy optionally substituted with NR⁶R⁷; (C₂–C₃ alkoxy) C₁–C₂ branched or straight chain alkyl optionally substituted with OH or NR⁶R⁷; CONR⁶R⁷; CO₂R⁸; halogen; NR⁶R⁷; NHSO₂NR⁶R⁷; NHSO₂R⁹; SO₂NR¹⁰R¹¹; or phenyl, pyridyl, pyrimidinyl, imidazolyl, oxazolyl, thiazolyl, thienyl, or triazolyl, either of which is optionally substituted with methyl;

R⁶ and R⁷ are each independently H or C₁–C₄ branched or straight chain alkyl; or R⁶ and R⁷ together with their attached nitrogen atom form pyrrolinyl, piperidyl, morpholinyl, 4-N(R¹²)-piperazinyl or imidazolyl, either of which is optionally substituted with methyl or hydroxyl;

R⁸ is H; C₁–C₆ branched or straight chain alkyl optionally substituted with C₁–C₄ alkoxy, C₁–C₄ alkylamino, dialkylamino; substituted phenyl and substituted heterocyclic group in which the substitut(s) on the ring of substituted phenyl and substituted heterocyclic group are defined as the above;

R⁹ is C₁–C₃ alkyl optionally substituted with NR⁶R⁷;

R¹⁰ and R¹¹ are each independently H or C₁–C₁₂ branched or straight chain alkyl; C₁–C₃ halogenated branched or straight chain alkyl; C₂–C₆ alkenyl; C₂–C₆ alkynyl or C₃–C₆ cycloalkyl; or R¹⁰ and R¹¹ taken together to form a pyrrolinyl, pyrrolinone group, piperidyl, morpholinyl, 4-N(R¹³)-piperazinyl; or R¹⁰ and R¹¹ together with their attached nitrogen atom form a pyrrolinyl, pyrrolinone group, piperidyl, morpholinyl, 4-N(R¹³)-piperazinyl which are optionally substituted with OH, CN, CO₂R⁸, C₁–C₄ branched or straight chain alkyl, C₁–C₃ alkoxy, NR¹⁴R¹⁵ or CONR¹⁴R¹⁵; substituted phenyl, substituted heterocyclic group, or C₁–C₆ branched or straight chain alkyl substituted with substituted phenyl or substituted heterocyclic group, the said groups are optionally further substituted with OH, CO₂R⁸, NR¹⁴R¹⁵, CONR¹⁴R¹⁵, or linked together with another substituted phenyl or substituted

~~heterocyclic group~~ by a carbonyl group;

R¹² is H; C₁-C₆ branched or straight chain alkyl which may be optionally substituted with phenyl, C₂-C₃ alkyl substituted by hydroxyl, or C₁-C₄ alkoxy; C₁-C₃ fluoroalkyl; C₂-C₆ alkenyl; C₂-C₆ alkynyl; or C₃-C₆ cycloalkyl; R¹³ is H; C₁-C₆ branched or straight chain alkyl; C₂-C₆ branched or straight chain alkyl substituted with C₁-C₃ alkoxy; C₂-C₆ branched or straight chain alkyl substituted with hydroxyl; C₂-C₆ branched or straight chain alkyl substituted with NR¹⁴R¹⁵; C₂-C₆ branched or straight chain alkyl substituted with phenyl; C₁-C₆ branched or straight chain alkyl substituted with CONR¹⁴R¹⁵; C₂-C₆ branched or straight chain hydrocarbyl substituted with CO₂R⁸; C₂-C₆ branched or straight chain hydrocarbyl having substituted phenyl ~~or substituted heterocyclic group~~ as substituent; CO₂R⁸, CONR¹⁴R¹⁵, CSNR¹⁴R¹⁵ or C(NH)NR¹⁴R¹⁵; C₁-C₃ halogenated branched or straight chain alkyl; C₂-C₆ alkenyl; C₂-C₆ alkynyl or C₃-C₆ cycloalkyl; or polyethylene glycol group (n=2-20), which is optionally substituted with C₁-C₆ alkyl on its terminal;

R¹⁴ and R¹⁵ are each independently H; C₁-C₄ branched or straight chain alkyl; C₂-C₄ branched or straight chain alkyl substituted with C₁-C₃ alkoxy; or C₂-C₄ branched or straight chain alkyl substituted with hydroxyl; or R¹⁴ and R¹⁵ together with their attached nitrogen atom form a pyrrolinyl, pyrrolinone group, piperidyl or morpholinyl; and

the substituted phenyl refers to a phenyl which is substituted with one or more groups selected from C₁-C₄ alkoxy, halogen, cyano-, CF₃, OCF₃, C₁-C₄ branched or straight chain alkyl on the phenyl ring; ~~The substituted heterocyclic group refers to hexatomic rings containing one or two nitrogen atoms, and the oxides thereof; pentatomic rings containing two or three hetero atom selected a group consisted of nitrogen, oxygen, and sulfur atoms; the substituting groups on the heterocyclic ring are C₁-C₄ branched or straight chain alkyl, C₁-C₄ alkoxy, amino, as well as C₁-C₄ branched or straight chain alkyl amino, C₁-C₄ alkoxylamino group;~~

~~Or~~ or their pharmaceutically acceptable salts .

2, (currently amended) The compound according to claim 1, wherein: R¹ is C₁-C₃ branched or straight chain alkyl optionally substituted with one or more groups selected from a group consisted of the following: C₁-C₄ alkyl, C₁-C₄ alkoxy, C₁-C₄ alkanoyl, substituted phenyl, ~~substituted heterocyclic group, CONR⁶R⁷-CONR⁵R⁶ and NR⁶R⁷NR⁵R⁶;~~

R² is H; C₁-C₃ branched or straight chain alkyl optionally substituted with one or more groups selected from a group consisted of the following: ~~substituted phenyl, substituted heterocyclic group, CONR⁶R⁷, and NR⁶R⁷;~~

R³ is H; C₂-C₄ branched or straight chain alkyl which may be optionally substituted with C₃-C₄ cycloalkyl, C₁-C₃ alkoxy; C₂-C₄ alkenyl; or C₂-C₄ alkynyl;

R⁴ is H; C₁-C₄ branched or straight chain alkyl which may be optionally substituted with C₃-C₅ cycloalkyl or C₁-C₃ alkoxy; C₂-C₄ alkenyl; or C₂-C₄ alkynyl;

R⁵ is H; C₁-C₄ branched or straight chain alkyl which may be optionally substituted with OH, NR⁶R⁷, CN, CONR⁶R⁷ or CO₂R⁸; C₂-C₄ alkoxy optionally substituted with NR⁶R⁷; NR⁶R⁷; NHSO₂NR⁶R⁷; NHSO₂R⁹; SO₂NR¹⁰R¹¹; or phenyl, pyridyl, pyrimidinyl, imidazolyl, oxazolyl, thiazolyl, thienyl or triazolyl, either of which is optionally substituted with methyl;

R⁶ and R⁷ are each independently H; C₁-C₄ branched or straight chain alkyl, or R⁶ and R⁷ together with their attached nitrogen atom form a pyrrolinyl, piperidyl, morpholinyl, 4-N(R¹²)-piperazinyl or imidazolyl, either of which is optionally substituted with methyl and hydroxyl;

R⁸ is H or C₁-C₄ branched or straight chain alkyl;

R⁹ is C₁-C₃ alkyl optionally substituted with NR⁶R⁷;

R¹⁰ and R¹¹ are each independently H or C₁-C₁₂ branched or straight chain alkyl; C₁-C₃ halogenated branched or straight chain alkyl; C₂-C₆ alkenyl; C₂-C₆ alkynyl or C₃-C₆ cycloalkyl; or R¹⁰ and R¹¹ taken together to form a pyrrolinyl, pyrrolinone group, piperidyl, morpholinyl, 4-N(R¹³)-piperazinyl; ~~or R¹⁰ and R¹¹ together with their attached nitrogen atom form a pyrrolinyl, pyrrolidone group, piperidyl, morpholinyl, 4-N(R¹³)-piperazinyl; the said~~

groups are optionally substituted with OH, CN, CO₂R⁸, C₁–C₄ branched or straight chain alkyl, C₁–C₃ alkoxy, NR¹⁴R¹⁵, or CONR¹⁴R¹⁵; substituted phenyl, ~~substituted heterocyclic group~~, or C₁–C₆ branched or straight alkyl substituted with substituted phenyl ~~or substituted heterocyclic group~~, the said groups are further substituted with OH, CO₂R⁸, NR¹⁴R¹⁵, CONR¹⁴R¹⁵, or linked together with another substituted phenyl ~~or substituted heterocyclic group~~ by a carbonyl group;

R¹² is H; C₁–C₆ branched or straight chain alkyl which may be optionally substituted with C₂–C₃ alkyl or C₁–C₄ alkoxy, the said alkyl and alkoxy are substituted with phenyl, hydroxyl; C₂–C₆ alkenyl or C₃–C₆ cycloalkyl;

R¹³ is H; C₁–C₆ branched or straight chain alkyl; C₂–C₆ branched or straight chain alkyl substituted with C₁–C₃ alkoxy; C₂–C₆ branched or straight chain alkyl substituted with hydroxyl; C₂–C₆ branched or straight chain alkyl substituted with NR¹⁴R¹⁵; C₂–C₃ branched or straight chain alkyl substituted with phenyl; C₁–C₆ branched or straight chain alkyl substituted with CONR¹⁴R¹⁵; CO₂R⁸, CONR¹⁴R¹⁵, CSNR¹⁴R¹⁵ or C(NH)NR¹⁴R¹⁵; C₁–C₃ halogenated branched or straight chain alkyl; C₂–C₆ alkenyl; C₂–C₆ alkynyl or C₃–C₆ cycloalkyl;

R¹⁴ and R¹⁵ are each independently H; C₁–C₄ branched or straight chain alkyl; C₂–C₄ branched or straight chain alkyl substituted with C₁–C₃ alkoxy; or C₂–C₄ branched or straight chain alkyl substituted with hydroxyl; or R¹⁴ and R¹⁵ together with their attached nitrogen atom form pyrrolinyl, pyrrolinone group, piperidyl, or morpholinyl;

~~The~~ the substituted phenyl refers to a phenyl group which is substituted with one or more groups selected from C₁–C₄ alkoxy, halogen, CN, CF₃, OCF₃, or C₁–C₄ branched or straight chain alkyl; ~~the substituted heterocyclic group refers to hexatomic rings containing one or two nitrogen atoms, and the oxide thereof; or pentatomic rings containing two or three hetero atom selected a group consisted of nitrogen, oxygen and sulfur atoms; the substituents on the heterocyclic ring are C₁–C₄ branched or straight chain alkyl, C₁–C₄ alkoxy, amino, as well as C₁–C₄ branched or straight chain alkyl amino, C₁–C₄ alkoxyamino.~~

3. (currently amended) The compound according to claim 1-2, wherein:

R¹ is C₂-C₃ branched or straight chain alkyl which may be optionally substituted with one or more groups selected from ~~substituted heterocyclic group and~~ NR⁶R⁷;

R² is H;

R³ is H; C₂-C₄ branched or straight chain alkyl which may be optionally substituted with C₃-C₄ cycloalkyl; C₂-C₄ alkenyl; C₂-C₄ alkynyl;

R⁴ is C₂-C₄ branched or straight chain alkyl, which may be optionally substituted with C₁-C₃ alkoxy; C₂-C₄ alkenyl; C₂-C₄ alkynyl;

R⁵ is SO₂NR¹⁰R¹¹;

R⁶ and R⁷ together with their attached nitrogen atom form a pyrrolinyl, piperidyl or morpholinyl;

R⁸ is H or C₁-C₄ branched or straight chain alkyl;

R¹⁰ and R¹¹ are each independently H or C₁-C₁₂ branched or straight chain alkyl; C₃-C₆ cycloalkyl; or R¹⁰ and R¹¹ taken together to form a pyrrolinyl, pyrrolinone group, piperidyl, morpholinyl, 4-N(R¹³)-piperazinyl; ~~or R¹⁰ and R¹¹ together with their attached nitrogen atom form a pyrrolinyl, pyrrolinone group, piperidyl, morpholinyl, or 4-N(R¹³)-piperazinyl;~~ the said groups are optionally substituted with OH, C₁-C₄ branched or straight chain alkyl, C₁-C₃ alkoxy, NR¹⁴R¹⁵, or CONR¹⁴R¹⁵; substituted phenyl, ~~substituted heterocyclic group,~~ or C₁-C₆ branched or straight alkyl optionally substituted with substituted phenyl, ~~substituted heterocyclic group,~~ the said groups are further substituted with OH, CO₂R⁸, NR¹⁴R¹⁵ or CONR¹³R¹⁴, or linked together with another substituted phenyl ~~or substituted heterocyclic group~~ by a carbonyl;

R¹³ is H; C₁-C₃ branched or straight chain alkyl; C₂-C₃ branched or straight chain alkyl substituted with C₁-C₃ alkoxy; C₂-C₃ branched or straight chain alkyl substituted with OH; C₂-C₆ branched or straight chain alkyl substituted with NR¹⁴R¹⁵; C₂-C₃ branched or straight chain alkyl substituted with phenyl; C₁-C₆ branched or straight chain alkyl substituted with

CONR¹⁴R¹⁵; CO₂R⁸ or CONR¹⁴R¹⁵;

R¹⁴ and R¹⁵ are each independently H; C₁-C₄ branched or straight chain alkyl; C₂-C₄ branched or straight chain alkyl substituted with C₁-C₃ alkoxy; or C₂-C₄ branched or straight chain alkyl substituted with OH; or R¹⁴ and R¹⁵ together with their attached nitrogen atom form a pyrrolinyl, pyrrolinone group, piperidyl or morpholinyl;

the substituted phenyl refers to a phenyl group which is substituted with one or more substituents selected from a group consisted of C₁-C₄ alkoxy, halogen, CN, CF₃, OCF₃, and C₁-C₄ branched or straight chain alkyl; ~~the substituted heterocyclic group refers to hexatomic rings containing one or two nitrogen atoms and the oxide thereof; or pentatomic rings containing two or three hetero atom selected a group consisted of nitrogen, oxygen, and sulfur atoms; the substituents on the heterocyclic ring are C₁-C₄ branched or straight chain alkyl, C₁-C₄ alkoxy, amino, as well as C₁-C₄ branched or straight chain alkyl amino, C₁-C₄ alkoxyamino.~~

4. (currently amended) The compound according to claim 31, wherein the compound is selected from a group consisting of:

2-[2-ethoxyl-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-methoxyl-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, and the hydrochloride thereof;

2-[2-n-propoxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, and the hydrochloride thereof;

2-[2-allyloxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, and the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-n-propoxy-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-ethyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, and the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

olo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-methylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-methylpiperazinyl-1-sulfonyl)phenyl]-5-ethyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-ethoxycarbonylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-(2-hydroxyethyl)piperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(pyrrolidinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-[3-(2-oxy-pyrrolidin-1-yl)-n-propylamino-N-sulfonyl]phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-[2-(pyrrolidin-1-yl)-ethylamino-N-sulfonyl]phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(morpholino-4-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(3-(morpholin-4-yl)-n-propylamino-N-sulfonyl)]-phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(2-(morpholin-4-yl)-ethylamino-N-sulfonyl)]phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(2,6-dimethylmorpholino-N-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(1-benzylpiperidyl-4-aminosulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(2-(piperidin-1-yl)ethylamino-1-sulfonyl)]phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-benzylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-phenylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(piperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-benzo[1,3]dioxol-5-yl-methylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the

monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-{2-ethoxyl-5-[4-(3-phenyl-n-propan-1-yl)piperidyl-1-sulfonyl]

phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(n-propylamino-1-sulfonyl)phenyl]-5-methyl-7-n-

propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-{[2-ethoxyl-5-(N,N-di(2-hydroxyethyl)aminosulfonyl)]phenyl]-5-

methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-{2-ethoxyl-5-[N-(2-hydroxyethyl)-N-methyl]aminosulfonyl]phenyl}-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-{2-ethoxyl-5-[N-(2-hydroxyethyl)-N-ethyl]aminosulfonyl]phenyl}-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-{2-ethoxyl-5-[N-(2-hydroxyethyl)-N-n-butyl]aminosulfonyl]phenyl}-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-{[2-ethoxyl-5-(p-ethoxycarboxylphenylamino)-N-sulfonyl]phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-{[2-ethoxyl-5-(o-benzoylphenylamino)-N-sulfonyl]phenyl]-5-methyl-

7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-{[2-ethoxyl-5-(N2-acetylhydrazido)-N1-sulfonyl]phenyl]-5-methyl-7-

n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride and dihydrochloride and other possible hydrochloride thereof;

2-[[2-ethoxyl-5-(2-dimethylaminoethylamino)-N-sulfonyl]phenyl]-5-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-ethyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-morpholinomethyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof;

2-[2-ethoxyl-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-(pyrimidinyl-2)-methyl-7-n-propyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof; and

2-[2-ethoxyl-5-(4-ethylpiperazinyl-1-sulfonyl)phenyl]-5-methyl-7-allyl-3,7-dihydropyrrolo[2,3-d]pyrimidin-4-one, the monohydrochloride, dihydrochloride and other possible hydrochloride thereof.

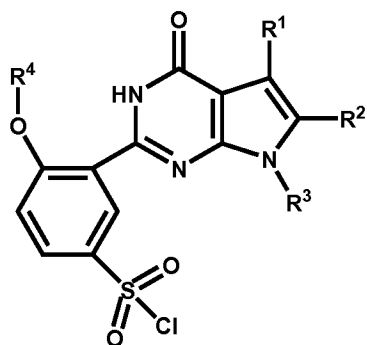
5. (canceled)

6. (currently amended) A pharmaceutical composition containing the compound according to any one of claims 1-4 as an active ingredient, and a pharmaceutically acceptable excipient.

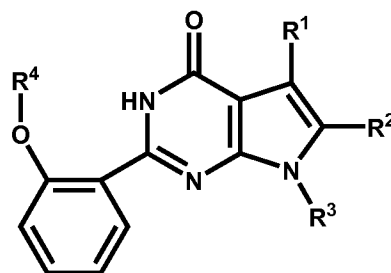
7. (currently amended) A veterinary ~~drugs~~ drug composition containing the compound according to any one of claims 1-4 as an active ingredient, and a veterinarily acceptable excipient.

8-9. (canceled)

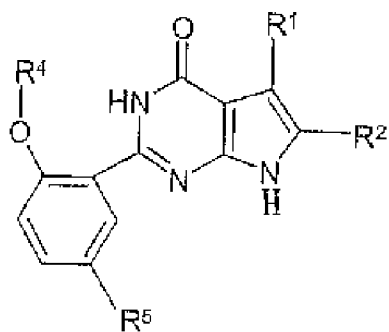
10. (currently amended) Intermediates ~~IA-IG~~ for the manufacture of compound of formula I according to claim 1:



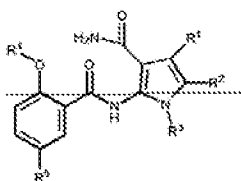
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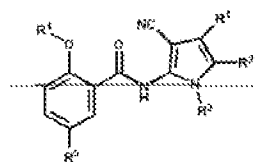
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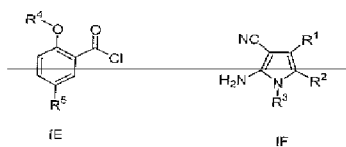
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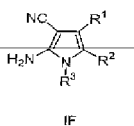
IA



IB



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